## HISTORIC AMERICAN ENGINEERING RECORD

## INOEX TO PHOTOGRAPHS

Lakeview Pumping Station Corner of Clarendon and Montrose Aves. Chicago Cook County Illinois HAER No. IL-4

- IL-4-1 thru 98 are photo copies of historical photographs (original prints in possession of the City of Chicago)
- IL-4-1 LAKEVIEW PUMPING STATION.
- IL-4-2 1904 PHOTOGRAPH OF ORIGINAL STATION.
- IL-4-3 NO. 1 ENGINE IN BACKGROUND WITH CONSTRUCTION OF NO. 2 IN FOREGROUNO.
- IL-4-4 FOUNDATION FOR NO. 7 ENGINE (BETHLEHEM CO.)
- IL-4-5 NO. 2 ENGINE IN BACKGROUND.
- IL-4-6 NO. 2 ENGINE. NOTE THE FLYWHEEL TURNING ON NO. 1 ENGINE.
- IL-4-7 ERECTION OF NO. 3 SUCTION CHAMBERS. NO. 2 ENGINE IN BACKGROUND.
- IL-4-8 NO. 3 ENGINE UNDER CONSTRUCTION. NOTE CONDENSER IN LOWER FOREGROUNO.
- IL-4-9 NO. 3 ENGINE.
- IL-4-10 NO. 4 ENGINE SUCTION CHAMBERS.
- IL-4-11 NO. 3 ENGINE.
- IL-4-12 NO. 4 ENGINE. NOTE TOTALIZING METERS (BIF) AT SOUTH WALL FOR STATION PUMPAGE.
- IL-4-13 NO. 3 ENGINE.
- IL-4-14 NO. 3 ENGINE ON LEFT. EXHAUST PIPE HAS BEEN CONNECTED TO CONDENSER.
- IL-4-15 NO. 4 ENGINE.
- IL-4-16 NO. 4 ENGINE. OPERATING ROOS FOR MECHANICAL BY CONTROLLEO WATER VALVES INSTALLED.

- IL-4-17 NO. 3 ENGINE. CRANKSHAFT & FLYWHEELS INSTALLED. CDNNECTIONS TO EAST & WEST DISCHARGE HEADERS NOT YET MADE.
- IL-4-18 NO. 4 ENGINE.
- IL-4-19 ND. 4 ENGINE.
- IL-4-20 NO. 4 ENGINE. CYLINDERS & RECEIVERS INSTALLED.
- IL-4-21 NO. 4 ENGINE. CONNECTIONS FROM PUMP END TD DISCHARGE HEADER MADE.
- IL-4-22 TEMPORARY CENTRIFIGAL PUMP. NDTE CHAPMAN HYDRAULIC-OPERATED VALVE FOR LATER CONNECTION OF ENGINE PUMP END TO DISCHARGE HEADER.
- IL-4-23 TEMPORARY CENTRIFUGAL PUMP. NOTE CHAPMAN HYDRAULIC-OPERATED VALVE FOR LATER CONNECTION OF ENGINE PUMP ENG TO DISCHARGE HEADER.
- IL-4-24 TEMPDRARY CENTRIFUGAL PUMPS.
- IL-4-25 TEMPORARY BDILER HOUSE.
- IL-4-26 TEMPDRARY BOILER HDUSE.
- IL-4-27 DEMOLITION OF OLD STATION.
- IL-4-28 POURING DF CONCRETE FOUNDATION FDR NEW BDILER HDUSE. PART OF OLD STATION IN BACKGROUND.
- IL-4-29 FDUNDATION FOR NEW BOILER HDUSE LOOKING NORTH.
- IL-4-30 FDUNDATION FOR NEW BOILER HOUSE.
- IL-4-31 FDUNDATION FDR NEW BOILER HOUSE.
- IL-4-32 DRIVING PILES FOR NEW BOILER HOUSE.
- IL-4-33 PILES FDR NEW BOILER HOUSE.
- IL-4-34 FOUNDATION FOR NEW BDILER HOUSE LDDKING SOUTH TO MDNTROSE AVE.
- IL-4-35 FDUNDATION FOR NEW BOILER HDUSE LDDKING NORTH.
- IL-4-36 BDILER HOUSE FDUNDATION CONSTRUCTION.
- IL-4-37 BDILER HOUSE FDUNDATION LOOKING EAST TOWARDS ENGINE ROOM.
- IL-4-38 BOILER HOUSE FOUNDATION CONSTRUCTION LOOKING NORTH. NOTE OLD STATION ON LEFT.
- IL-4-39 BDILER HOUSE CONSTRUCTION LODKING NORTH.

- IL-4-40 BOILER HOUSE CONSTRUCTION.
- IL-4-41 BOILER HOUSE CONSTRUCTION.
- IL-4-42 BOILER HOUSE CONSTRUCTION.
- IL-4-43 FOUNDATION AREA FOR NEW BOILER HOUSE LOOKING SOUTH.
- IL-4-44 NORTHENO OF BOILER HOUSE FOUNDATION.
- IL-4-45 BOILER HOUSE FOUNDATION LOOKING NORTHEAST.
- IL-4-46 FOUNOATION CONNECTION-COAL BUNKER TO BOILER HOUSE.
- IL-4-47 ERECTING BOILER HOUSE STEEL; LOOKING NORTH. NOTE ORIGINAL STATION ON LEFT.
- IL-4-48 CONNECTING BOILER HOUSE STEEL TO ENGINE ROOM LOOKING SOUTH.
- IL-4-49 BOILER HOUSE STEEL LOOKING FROM MENTROSE AVE.
- IL-4-50 BOILER HOUSE. FRAME CONNECTED TO ENGINE ROOM.
- IL-4-51 BOILER HOUSE. FRAME CONNECTED TO ENGINE ROOM.
- IL-4-52 BOILER HOUSE FRAME. BACK FILL COMPLETE ON WESTSIDE.
- IL-4-53 BUNKER CONSTRUCTION.
- IL-4-54 COAL BUNKER STEEL.
- IL-4-55 COAL BUNKER. BOILER HOUSE STEEL ON RIGHT.
- IL-4-56 COAL STORAGE BUNKER LOOKING WEST.
- IL-4-57 NOROBERG MFGR. CO ERECTION SHOP.
- IL-4-58 NOROBERG MFGR. CO. ERECTION SHOP.
- IL-4-59 NORDBERG MFGR. CO ERECTION SHOP.
- IL-4-60 NORDBERG MFGR. CO. ERECTION SHOP.
- IL-4-61 NOROBERG MFGR. CO ERECTION SHOP ENGINE NO. 3.
- IL-4-62 NOROBERG MFGR. CO. ENGINE NO. 2.
- IL-4-63 NOROBERG MFGR. CO ERECTION SHOP.
- IL-4-64 NOROBERG MFGR. CO. ERECTION SHOP.

- IL-4-65 NOROBERG MFGR. CO. ERECTION SHOP.
- IL-4-66 NORDBERG MFGR. CO. ERECTION SHOP ENGINE NO. 3. NOTE PHOTO IS REVERSE PRINTEO.
- IL-4-67 NORDBERG MFGR. CO. ERECTION SHOP.
- IL-4-68 NORDBERG MFGR. CO. ERECTION SHOP.
- IL-4-69 NORDBERG MFGR. CO. ERCTION SHOP.
- IL-4-70 NORDBERG MFGR. CO. ERECTION SHOP.
- IL-4-71 CONSTRUCTION OF PIPE VAULT UNDER MONTROSE AVE. SOUTH OF PUMPING STATION.
- IL-4-72 EOGEMOOR BOILER NO. 3. NOTE THE ORGINAL NO. 5 COAL HOPPER ABOVE THE VACANT SPACE.
- IL-4-73 B&W TEMPORARY BOILER NO. L & No. 2. NOTE THE ORIGINAL NO. 2 COAL HOPPER BETWEEN THESE TWO BOILERS.
- IL-4-74 B&W NO. 1 BOILER BEFORE REMOVAL. COAL SCALE FOR INCOMING COAL TRUCKS SHOWN AT LEFT.
- IL-4-75 REMOVAL OF NO. 2 B&W BOILER.
- IL-4-76 REMOVAL OF NO. 2 B&W BOILER.
- IL-4-77 INSTALLATION OF NO. 2 EOGEMOOR BOILER.
- IL-4-78 VIEW OF NO. 3 BOILER, SUPERHEATER AND NO. 1 AND NO. 2 BOILERS IN THE BACKGROUND TAKEN BEFORE THE PLANT SHUTOOWN.
- IL-4-79 INOIVIDUAL FEED PUMPS FOR EACH BOILER HAVE BEEN REMOVED. A DUPLEX RECRIPROCATING FEED PUMP WILL BE INSTALLED IN THIS LOCATION.
- IL-4-80 HP END SHOWING ECCENTRI'S FOR VALVE GEAR AND LAY SHAFT.
- IL-4-81 CROSSHEAD & CRANK PIN.
- IL-4-82 HP END SHOWING NOROBERG NAMEPLATE.
- IL-4-83 NO. 3 ENGINE.
- IL-4-84 NO. 4 ENGINE.
- IL-4-85 NO. 1 ENGINE.
- IL-4-86 PUMP ROOM LOOKING NORTHEAST. PUMPS 4, 3, 2, 1 RIGHT TO LEFT.

- IL-4-87 SHUTDOWN CONFERENCE.
- IL-4-88 ENGINES No. 4, 3, 2 & 1.
- IL-4-B9 RIEDLER VALVE GEAR.
- IL-4-90 SURFACE CONDENSERS FOR ENGINES NO. 3 and NO. 4.
- IL-4-91 TURBINE DRIVEN FORCED DRAFT FAN AT BASE OF STACK. NOTE REDUCTION GEAR BETWEEN TURBINE & FAN.
- IL-4-92 FORCED DRAFT FAN & BASE OF BOILER SETTINGS SHOWING ASH REMOVAL DOORS. NOTE STOKER LINE SHAFT DRIVE UNDER CEILING.
- IL-4-93 LAKE VIEW CRIB. THE WILSON CRIB WAS PUT IN DURING 1917. THE LAKE VIEW CRIB WAS REMOVED IN 1924.
- IL-4-94 LAKE VIEW HEAD HOUSE.
- IL-4-95 HEAD HOUSE.
- IL-4-96 LAKE VIEW TUNNEL.
- IL-4-97 LAKE VIEW TUNNEL.
- IL-4-98 LAKE VIEW TUNNEL SYSTEM.
- IL-4-99 thru 113 are photographs taken by Hedrick-Blessing, Commercial Photographers, 1978. Fieldwork by Bill Engdahl.
- IL-4-99 LOOKING WEST ON MONTROSE AVE. TOWARD PUMPING STATION.
- IL-4-100 SEPEARATELY FIRED SUPER HEATER. NO. 3 BOILER IS ON RIGHT.
- IL-4-101 NO. 1 & NO. 2 BOILERS. TO THE RIGHT IS SUPERHEATER AND NO. 3 BOILER.
- IL-4-102 DUPLEX BOILER FEED WATER PUMPS.
- IL-4-103 ONE OF TWO 75 KW TURBINE GENERATOR SETS.
- IL-4-104 ENGINES 1-4.
- IL-4-105 NO. 4 ENGINE L.P. END.
- IL-4-106 NO. 2 ENGINE.
- IL-4-107 NO. 4 ENGINE.
- IL-4-108 NO. 1 ENGINE. NOTE OIL SEPERATION IN EXHAUST LINE.
- IL-4-109 RIEDLER VALVE GEAR. NOTE 80TTOM OF FLYWHEEL ABOVE WRIST PLATE.

- IL-4-110 MASTER VALVE PANEL.
- IL-4-111 AIR CONDENSATE PUMP. NOTE MAIN DISCHARGE HEADER ABOVE STEAM-END CYLINDER. NOTE ALSO, THE 30" DISCHARGE VALVE AND ACTUATER TO THE LEFT OF THE PUMP.
- IL-4-112 GOVERNOR AND PART OF INTERMEDIATE VALVE GEAR.
- IL-4-113 VALVE GEAR HP, TP & LP. ENGINE NO. 2.